



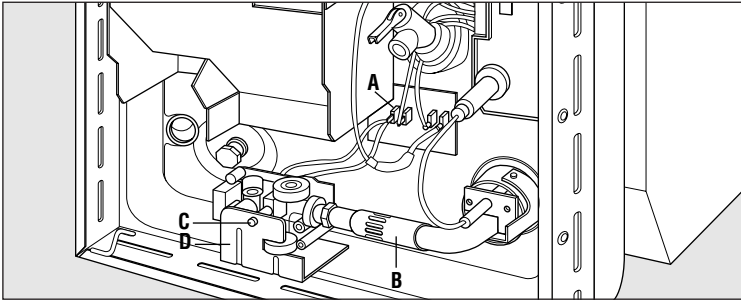
LITERATURE NUMBER MPD 93286

DOMETIC CORPORATION
1120 North Main Street, Elkhart, IN 46514
Please Visit: WWW.DOMETIC.COM

SOLENOID VALVE REPLACEMENT

Revision B, 10/30/18

P/N MPD 93844 & 93870 - Fits Spark Ignition Dometic Water Heater



For complete water heater instructions consult MPD - 93050, 93755, 93756, 93758.

WARNING FIRE AND/OR EXPLOSION

- Use with LP gas only.
- Installation in Recreation Vehicles only. RV's are recreation vehicles designed as temporary living quarters for recreation, camping, or travel use having their own power or towed by another vehicle.

REMOVAL PROCEDURE:

WARNING FIRE AND/OR EXPLOSION

- Shut off gas supply at LP container

- before disconnecting a gas line.
1. Shut off LP gas.
 2. Turn off water heater switch.

CAUTION ELECTRICAL DAMAGE

- Label all wires before disconnecting when servicing.
- Verify proper operation after servicing.

3. Disconnect red wire from ECO-A
4. Disconnect incoming gas line.
5. Remove air shutter screw and slide air shutter-B to right.
6. Remove screw-C holding valve to valve bracket-D. Remove valve.

continued backside



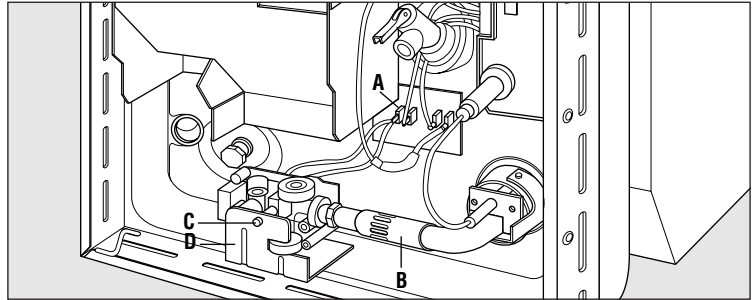
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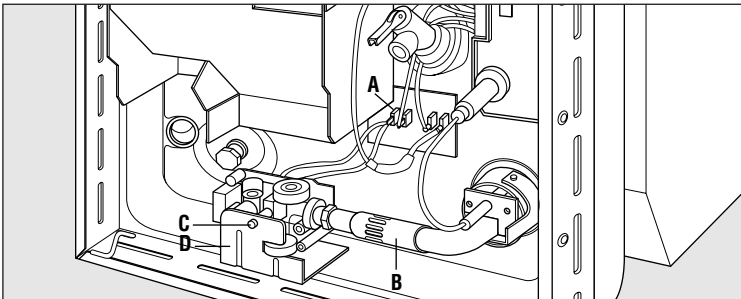
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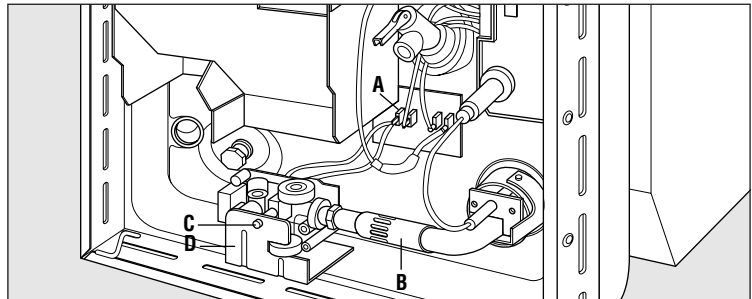
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continued backside

LITERATURE NUMBER **MPD 93286**

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P/N MPD 93844 & 93870 - Fits Spark Ignition Dometic Water Heater

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INSTALLATION PROCEDURE:

1. Place new valve on bracket-D. Secure with screw-C.
2. Connect incoming gas line.

Note: Copper flare tube nuts do not require pipe sealant. Use two wrenches, one on gas line nut and the other on the valve elbow.

3. Slide air shutter-B to left and over orifice holder.

Note: The valve orifice holder and main burner must be in a straight line. It may be necessary to bend incoming gas line to obtain alignment.

WARNING **DEATH, EXPLOSION, FIRE OR** **CARBON MONOXIDE POISONING**

- LP gas is extremely flammable. Test all fittings for gas leaks prior to operation.
- DO NOT use matches, candles or other sources of ignition when checking for gas leaks.

4. Turn on gas. Check incoming gas line fittings for leaks with leak detection solution.
5. Hook up wire to ECO-A.
6. Turn on water heater switch.
7. When main flame is burning, adjust main burner flame by sliding main burner air shutter to right until some yellow appears in the main flame. Then move the shutter to the left until flame is blue with trace of yellow. Tighten screw.

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